APPROACH MONITORING AND ADVISORY SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

A system, method, and computer program product are provided for monitoring for high energy landing approaches and advising a flight crew of an aircraft. Specific aircraft energy is predicted at a touchdown zone of a runway. The predicted specific energy is compared with predetermined threshold specific energy. An alert is generated when the predicted specific energy is at least the predetermined threshold specific energy. The present invention improves flight crew awareness of an impending problem with a landing approach, such as a high energy approach, provides an advisory when probability of an unsuccessful approach is significant, and allows a margin from stable approach criteria while avoiding increased aural and visual clutter in the flight deck.

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